

# SQ 600 LED IOT BT RCR HYT 4400LM PLX I CL. 592X592MM 840 (45W)

DETAILED CARD



## TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	45
Luminous flux [lm]*:	4400
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	85
Energy efficiency class:	F
Electrical protection class:	I
Colour temperature [K]:	4000
Diffuser colour:	white

## CHARACTERISTICS

The SQ 600 LED IoT is a new line of square raster lights. Designed from the ground up, the design introduces new solutions to ensure excellent light performance. The body is made of plastic for low weight. The diffuser provides the lamp with excellent light characteristics. Integrated LED module Ensures low power consumption and all the advantages of modern LED lamps. Degree of protection - dependent on mounting method: - surface-mounted - IP20, - recessed - IP44/20.**IoT characteristics**The **IoT BT RCR HYT** version has: a built-in **BT HYT** module allowing for programming functions in the Lena Lighting Clue app and real-time control; **RCR** motion and daylight sensor hidden under the shade and **ON/OFF** driver without dimming function of the light source.

## APPLICATION

Surface-mounted luminaire with the possibility of flush mounting in modular ceilings and in plasterboard ceilings (using plasterboard recessing kit) is especially recommended for offices, spacious corridors and public spaces.

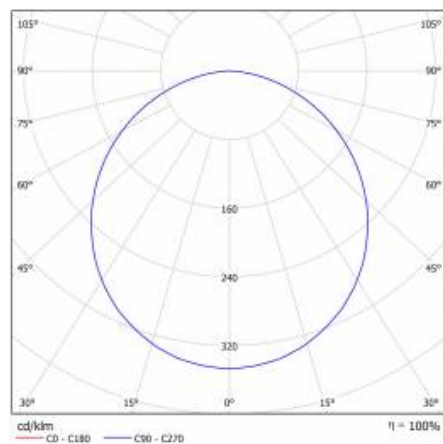
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	670954	<b>Diffuser material:</b>	PS
<b>Light source:</b>	LED module	<b>Diffuser type:</b>	OPAL
<b>Nominal power [W]:</b>	45	<b>Diffuser colour:</b>	white
<b>Luminous flux [lm]:</b>	4400	<b>Optics:</b>	lens
<b>Supply voltage [V]:</b>	220-240	<b>Optics material:</b>	PMMA
<b>Frequency [Hz]:</b>	50-60	<b>Material of the body:</b>	ABS
<b>Luminous efficacy [lm/W]:</b>	85	<b>Colour of the body:</b>	white
<b>Energy efficiency class:</b>	F	<b>Dimensions (H/W/T/S) [mm]:</b>	592/592/44
<b>Electrical protection class:</b>	I	<b>Ingress protection:</b>	IP44/IP20
<b>Colour temperature [K]:</b>	4000	<b>Mounting version:</b>	surface mounted; recessed mounted in modular ceiling possible
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Motion sensor:</b>	yes
<b>LED lifespan L70B50 [h]:</b>	50000	<b>Warranty [years]:</b>	5
<b>LED lifespan L80B10 [h]:</b>	32000	<b>Category type:</b>	troffers
<b>LED lifespan L90B10 [h]:</b>	15000	<b>CE certificate:</b>	<a href="#">442/2023</a>
<b>Beam angle [°]:</b>	120	<b>PZH certificate:</b>	<a href="#">B-BK-60112-0419/2025</a>
<b>Light distribution type:</b>	open space	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)

## LIGHT CURVES



# SQ 600 LED IOT BT RCR HYT 4400LM PLX I CL. 592X592MM 840 (45W)

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## ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white (steel version)
978395	Installation kit SQ 600 Ceiling system H40 100x100



Plasterboard recessing kit 630x630  
white (steel version) (999543)

Card creation date: 18 July 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 442/2023